

ABSTRACT OF THE DISCLOSURE

A simply structured converter for satellite communication reception which can contribute to reducing signal losses and to simplifying the assembling work is to be provided. Orthogonal bipolarized signals transmitted from a satellite are branched into two propagation paths within a waveguide, and a horizontally polarized wave is caused to proceed in a first propagation path, while a vertically polarized wave is caused to proceed in a second propagation path. A pair of probes are supported by a circuit substrate fitted to a case, and tips of the probes extend into two waveguides provided in the case. By integrating the waveguide and the case by fixing means such as bolts, the first propagation path and the first waveguide are let to communicate with each other, and so are the second propagation path and the second waveguide.

10038227.102901